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UTILITY				ocket No.	;	520.40848CX1					
0.475417 4004 40.474044				First Inventor			T. MIYAZAWA, et al.				
TRANSMITTAL							DISPLAY DEVICE HAVING AN IMPROVED				
I			Title	Title			E LEVEL C	ONVERTER C	IRCUIT		
(Only for new nonprovisional applications under 37 CFR 1.53(b))				ail Label No).						
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APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application of			contents.	ADDR	E33		Box 1450	ratents	F 28 ■		
				170.		Alexa	andria VA 223	313-1450	- S		
1. Fee	e Transmittal	Form (e.g., PTO/SB/17)		7. 🗆	CD-PC	DM or CD-E	o in dunlicate	, large table or	30° <u> </u>		
		nal and a duplicate for fee processing)		ا ./			m (<i>Appendix</i>	-			
l	alianat alaima							nce Submission	7510 10/7		
Applicant claims small entity status. See 37 CFR 1.27.					fif applicable, all necessary)						
			a. L.J Computer Readable Form (CRF)								
	ecification	[Total Pages: <u>74</u>] gement set forth below)		·	_		or CD-R (2 (conies): or			
		of the invention					101 00-11 (21	copics), oi			
		e to Related Applications			ii L	paper					
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		quence listing, a table, rogram listing appendix		U	_ States	nents venty	ing identity o	above copies			
-Ba	ckground of t	he Invention			ACC	OMPANY	ING APPLI	CATION PART	rs		
	 -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description 				Assign	ment Pape	ers (cover she	eet & documents(s))		
-De											
	aim(s) ostract of the I	Diaglacus		10.		R 3.73(b) S there is an		Power of A	tomey		
	stract or the t	Disclosure		 				(if applicable)			
4. 🛛 Dra	awing(s) (35 L	V.S.C. 113) [Total Sheets: 21]		12.	_	ation Disclo			DS Citations		
5. Oath or Declaration [Total Sheets: 4]				Statement (IDS)/PTO-1449							
a 🔲 N	ewly executed	d (original or copy)		13.	Prelim	inary Amen	ndment				
b. Copy from a prior application (37 CFR 1.63 (d))				14. Return Receipt Postcard (MPEP 503)							
(for continuation/divisional with Box 18 completed)					(Should be specifically itemized)						
i. DELETION OF INVENTOR(S)					15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
Signed statement attached deleting inventor(s)				16. Nonpublication Request under 35 U.S.C. 122							
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)					(b)(2)(B)(i). Applicant must attach form PTO/SB/35						
				l 🗖	or its equivalent.						
6.	plication Data	Sheet. See 37 CFR 1.76		17. 🗀	Other:						
		PPLICATION, check appropriate b		pply the re	quisite i	informatio	n below an	d in a prelimina	iry		
		plication Data Sheet under 37 CFF	₹ 1.76:								
Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/988,209											
Prior application				Art Unit:		f 1.1.	. L				
		IVISIONAL APPS only: The entire dis ed a part of the disclosure of the acco									
		ion can only be relied upon when a po									
19. CORRESPONDENCE ADDRESS											
Customer Number 020457							or [Correspondence	ce address		
below					· · · · · · · · ·						
Name		ANTONELLI, TERRY, STOUT & P	RAUS, LL	Р							
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Address			State I			1	Zin Cada				
City Country		T a	State	(703) 312	6600		Zip Code Fax	(702) 242 664	<u> </u>		
Name (Print/	Type) Gree	PER MONTON	Telephone			orney/Ager		(703) 312-666 28,141	<u> </u>		
Signature	الم	DVIII		og.a. a.o.	, jau	ger	Date	December 9,	2003		
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This collection of information is required by 3[‡]CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL		Complete if Kn wn								
FEE TRANSMITTAL	A	Application Number Not Assigned Yet								
6 for EV 2004		iling Da			On Even Date Herewith					
for FY 2004	F	irst Na	med Inv	entor	T. MIYAZAWA, et al.	ſ. MIYAZAWA, et al.				
Effective 10/01/2003. Patent fees are subject to annual revision.	E				N t Assigned Yet					
☐ Applicant claims small entity status. See 37 CFR 1.27	A	Art Unit Not Assigned Yet								
TOTAL AMOUNT OF PAYMENT (\$) 1682	A	ttornev	Docke	t No.	520.40848CX1	520.40848CX1				
		FEE CALCULATION (continued)								
METHOD OF PAYMENT (check all that apply) ☐ Check ☑ Credit Card ☐ Money ☐ Other ☐ None	_	ADDITIONAL FEES								
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☑ Deposit Account:										
Deposit Account 01-2135	Large	arge Entity , Small Entity								
Number	_	_				Fee Paid				
Deposit Account Antonelli, Terry, Stout & Kraus, LLP	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description					
Name	1051	130	2051		Surcharge - late filing fee or oath					
The Director is authorized to: (check all that apply) ☐ Charge fee(s) indicated below ☑ Credit any overpayments	1052	50	2052		Surcharge – late provisional filing fee or					
	1053	130	1053		cover sheet Non-English specification	l				
Charge any additional fee(s) during the pendency of this application.	1812	2,520	1812		For filing a request for ex parte reexamination					
☐ Charge fee(s) indicated below, except for the filing fee	1804	920*	1804		Requesting publication of SIR prior to					
to the above-identified deposit account. FEE CALCULATION					Examination action					
	1805	1,8401	1805		Requesting publication of SIR after Examiner action					
BASIC FILING FEE Large Entity Small Entity	1251	110	2251	55 E	Extension for reply within first month					
Fee Fee Fee Fee Pee Pescription Fee Paid Code (\$) Code (\$)	1252	420	2252	210 E	Extension for reply within second month					
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770	1253	950	2253		Extension for reply within third month	<u> </u>				
1002 340 2002 170 Design filing fee	1254	1,480	2254		Extension for reply within fourth month	<u> </u>				
1003 530 2003 265 Plant filing fee	1255	2,010	2255		Extension for reply within fifth month	L				
1004 770 2004 385 Reissue filing fee	1401 1402	330 330	2401 2402		Notice of Appeal					
1005 160 2005 80 Provisional filing fee	1402	290	2402		Filing a brief in support of an appeal Request for oral hearing					
SUBTOTAL (1)	1451	1,510	1451		Petition to institute a public use proceeding					
1770	1452	110	2452		Petition to revive – unavoidable					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	1453	1,330	2453		Petition to revive – unintentional					
Extra Claims below Fee Paid	1501	1,330	2501		Utility issue fee (or reissue)	<u> </u>				
Total Claims 42 -20** = 22 x 18 = 396	1502	480	2502		Design issue fee					
Indep. 9 -3** = 6 x 86 = 516	1503	640	2503		Plant issue fee					
Claims	1406	130	1460	130 F	Petitions to the Commissioner .					
Multiple Dependent =	1807	50	1807	50 F	Processing fee under 37 CFR 1.17(q)	ļ				
Large Entity Small Entity Fee Fee	1806	180	1806	180 5	Submission of Information Disclosure Stmt					
	8021	40	8021		Recording each patent assignment per property (times number of properties)	·				
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385 F	Filing a submission after final rejection (37 CFR § 1.129(a))					
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810	385 F	For each additional invention to be examined (37 CFR § 1.129(b))					
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1801	770	2801		Request for Continued Examination (RCE)					
and over original patent	1802	900	1802	900 F	Request for expedited examination					
SUBTOTAL (2) \$ 912		ļ		C	of a design application	<u> </u>				
**or number previously paid, if greater; For Reissues, see above.	Other	fee (spe	cify)			<u> </u>				
	*Redu	ced by E	Basic Filin	ng Fee P	Paid SUBTOTAL (3) (\$)	0.00				
SUBMITTED BY				_	Complete (if applicable)					

Registration No. (Attorney/Agent) Name (Print/Type) Telephone 703-312-6600 December 9, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450